

United Way: Good Things Are Happening

Congratulations to University staff week for demonstrating an increased commitment to the Edmonton and Area 1985 United Way campaign and the 42 community support agencies it funds. As of 3 October, there were \$85,744.94 in pledges with a total of 461 staff members participating. At the same stage in last year's campaign there were only \$28,584.73 in pledges with 167 people contributing. With a target this year of \$180,000, there is still a long way to go.

The University is only one of the participating educational institutions in metropolitan Edmonton. In the post-secondary section, for example, NAIT has issued a challenge to Grant MacEwan to match the participation rate of its staff. The Edmonton Public School Board, as another example, expects a significant increase in contributions from its 192 schools as well as from central administration.

Incidentally, the University's participation in the \$5 million campaign is not limited to staff pledging contributions. Apart from the voluntary work of Don Richards (National Psychology) and Brenda O'Neill (Design and Construction) who are this year's co-chairman at the University, Bob Heyworth—immediate past President of the Alumni Association and Senate member—is looking after the St. Albert Separate Schools. □

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FOLIO

University of Alberta

10 October 1985

Attracting the Right Stuff

This year's highest priority for the Dean of Graduate Studies and Research is recruiting the best graduate students in Canada.

"The best students are usually the holders of national scholarships from NSERC, SSHRC or MRC," says F.S. Chia, and these are the people he wants to attract to our University.

"Since 1975, the national agencies have been awarding the same number of scholarships, but our share has been declining. Ten years ago we ranked fourth in SSHRC holders; last year we ranked fourteenth," says Dr. Chia. One of the reasons is that in most disciplines at our University there are relatively fewer applications per capita from graduate students than from similar disciplines at other universities. Then, he has learned, the quality of applications (although not the quality of the applicants) is less than adequate. And finally, he says, we don't actively recruit top flight students from elsewhere in Canada.

But Dr. Chia has plans to change all this.

Internally, he is suggesting that departments should actively encourage—even require—eligible students to apply for scholarships, then coach them through putting together first-rate applications.

And he has devised other strategies to attract the right students to apply to the University of Alberta.

The four major reasons for graduate students choosing one university over another are: reputation, locality, financial incentives and marketing. In drawing up his plan of action, Dr. Chia has focused on each of these areas.

The reputation of a university depends on its professors and departments, and Dean Chia, who sits on all chairman selection committees, says firmly that his mandate over the next three years is, through selection of chairmen of the highest calibre, to make our University into one of international



Dean Chia looks to the challenge that good students offer. "Like Lowell of Harvard, I would rather hatch an eagle in a chicken's nest, than a chicken in an eagle's nest."

stature.

"Locality, of course, is one thing that we cannot change," says Dr. Chia. "If they don't want to come to Edmonton because of the distance or the weather, there's nothing we can do about those things. "But," he adds cheerfully, "we can give them financial incentives to come here."

Other universities require graduate student application fees, and there are tuition fees in addition. Since the average earnings of graduate students are \$7,000 to \$10,000 and 50 percent or more of them are married, it is usually slim pickings and short commons for doctoral students and their families.

"But at the University of Alberta we are in a very good position," says Dr. Chia. "We don't charge an application fee; our tuition fees for graduate students are among the lowest for major universities in Canada; and we have, comparatively speaking, a large number of scholarships and teaching and research assistantships. Since financial incentives are one of the major inducements to choose a particular university, we're going to use our power to compete with others in that area, and we're going to

make available more money for fellowships."

Fellowships

Graduate Faculty Fellowships have been created that will guarantee all NSERC, MRC and SSHRC post-graduate fellowship holders an extra \$2,000 annually. "So graduate students who come here will pay less and receive more, which shows that the University is placing some value on their achievements."

There have already been positive responses to these Fellowships, Dr. Chia reports. "Three students who would have gone somewhere else have come here because of the money."

In addition, an Andrew Stewart Prize fund (named for Andrew Stewart, President of the University from 1950 to 1959) has been endowed. Twenty Prizes of \$2,500 will be awarded annually to PhD students, nominated by their home department, who have completed two years of their program at our University and are actively engaged in thesis research.

"These will be high prestige Fellowships," says Dr. Chia. "We are establishing them to emphasize our PhD program and the outstanding achievements of our doctoral students."

Dr. Chia hopes within five years to double the current number of national scholarship holders. "This will not only reverse the trend," he says, "but will make a jump forward."

Dr. Chia has put a high priority on market development. Brochures have been prepared describing his Faculty's programs. "But the most important factor here," he says, "is exposure—being able to travel to major centres where we can recruit students. This kind of marketing requires positive support in terms of money and manpower. Graduate student enrolment last year was up 10 percent over the year before, but there are fewer support staff in the

Faculty now. We are running our office with less people and doing more work. The marketing part really needs people and we don't have them, so we will do it slower—but we will do it somehow."

It is equally important, he feels, that senior PhDs attend at least one major conference. "You cannot be a top researcher unless you get out and see what's going on in your field elsewhere," he says, and he hopes to build to a level where all doctoral students can be supported to attend at least one major conference.

"The Board of Governors, the Senate and other planning groups have identified that promoting the doctoral program should be a major thrust," says Dr. Chia. In his plans for his Faculty, he is responding to these stated objectives—and expects to achieve them. □

'Peopling Alberta': A Series of Talks at the Provincial Museum

A series of talks on the settling of the Americas and Alberta will be held at the Provincial Museum, 17 October to 28 November. The discussions will centre on the post-glacial epoch in Alberta and the arrival of Europeans.

The information in these talks has been gleaned from archaeological digs, environmental reconstructions, and native oral traditions. Speakers will use slides and other material to illustrate their talks. Admission is free, and each discussion will be held in the Museum Auditorium at 8 p.m. Refreshments and informal discussions will follow.

The program of topics is as follows: 17 October, "Setting the Stage: Glaciers, Ice-Free Corridors, and Prehistoric Environments." Nat Rutter, Geology, will speak. On 24 October, Charles Schweger, Anthropology, will speak on "Beringia: Our ties to Asia." Ruth Gruhn, also of Anthropology, will

discuss "South of the Glaciers: The Evidence from the rest of the Americas" on 31 October. Rod Vickers of the Archaeological Survey of Alberta will speak on 7 November. His topic is "On the Plains of Alberta." Also of the Archaeological Survey of Canada, Jack Ives will discuss "Reflections on Boreal Forest Prehistory in Northern Alberta" (14 November). Julie Cruikshank, Department of Anthropology at the University of British Columbia and Folklorist with the Yukon Native Studies Program, will present "Native Oral Traditions: Another Interpretive Framework" (21 November). The final presentation will be given by Pat McCormick, Curator of Ethnology, Provincial Museum of Alberta, who will speak on "New Peoples, New Way of Life: The Arrival of Europeans" (28 November).

The Provincial Museum is located at 12845 102 Avenue. Free parking is available. □

University Professorships

The Selection Committee for University Professors will be considering nominees for University Professorships later in the fall. This title honors professors whose academic, professional and community contributions have been exceptionally meritorious.

Nominations should be submitted to the Vice-President (Academic) no later than 30 October 1985, but before making any nomination persons are asked to study the criteria, copies of which may be obtained from Pamela Plaskitt, 2-5 University Hall (432-4715).

A Day for Student Researchers

The eighteenth annual Students' Research Day will be held on Wednesday, 16 October. Twenty-four students, chosen from 80 medical and science students who spent last summer conducting various research projects, will present verbal abstracts of their work. The Day will begin at 8:30 a.m. in classroom D, 2F104 W.C. Mackenzie Health Sciences Centre.

Each summer, selected students are awarded funds by the Alberta Heritage Foundation for Medical Research, the Medical Research Council of Canada and several University scholarships and bursaries to conduct research projects. Upon completion, students are asked to submit a complete abstract of their work. Of these abstracts, 24 are chosen to be given at Students' Research Day. Each scientific presentation, sometimes illustrated, is 15 minutes long, allowing time for discussion and feedback from the audience. These 24 presentations make up the four scientific sessions of the Day (each session has a member of the Faculty of Medicine as chairman).

The presenters will be judged by three eminent medical researchers: E.E. McCoy, Professor, Pediatrics, and A.R.E. Shaw, Associate Pro-

fessor, Cross Cancer Institute, of our University; and R. Lee, Professor and Chief of Neurology, University of Calgary. The judges are responsible for choosing the three presentations which best amplify the qualities of a good scientific session. The winners are then invited to join the judges, chairmen and Dean of the Faculty of Medicine for dinner.

The purpose of Students' Research Day is to give medical students an opportunity to prepare for, participate in, and observe a scientific meeting. This meeting is useful for disseminating information to medical students and faculty, physicians (clinicians and researchers), and the public concerning medical research activities at the University and in particular, the individual research projects completed during the summer. Through this, the Faculty attempts to instill an awareness and appreciation for the role that research plays in the treatment of human disease and the importance of research in medical education.

All abstracts submitted, including those chosen to be presented verbally, are published in a booklet that is available at Students' Research Day. □

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University
of
Alberta

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Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.
Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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Killam Scholars Feted at Annual Banquet

The annual banquet honoring recent recipients of Izaak Walton Killam Memorial Scholarships was held on Wednesday, 2 October, in the Papaschase Room of the Faculty of Arts. The atmosphere was jovial and celebratory, with Steven Arnold of Graduate Studies and Research serving as master of ceremonies and Killam Professor in the

Department of Physics, Hiroomi Umezawa, giving the after dinner speech.

Four Killam Trustees were present with their spouses: Donald N. Byers, Q.C.; Conrad F. Harrington; John H. Matthews; and George T.H. Cooper, Q.C. These Trustees represent the interests of the late Dorothy Killam, who bequeathed funds in trust to five institutions in memory of her husband. (The other institutions are Dalhousie University—Killam was a native of Yarmouth, N.S.; the Montreal Neurological Institute; the Canada Council; and UBC. Part of the bequest to our University was transferred to Calgary in 1967.)

The 32 pre- and post-doctoral scholars were treated, along with their spouses and friends, to fine food, a judicious choice of wines, a framed certificate commemorating their success, and a chance to thank the Killam Trustees. There were addresses to the gathering by Dean of Graduate Studies and Research, F.S. Chia (Chairman of our University's Killam Committee); Vice-President (Academic) Meekison, and by senior Killam Trustee, Donald Byers. Mr. Byers complimented the Killam scholars on their success. Researchers in disciplines ranging from Anthropology to Zoology, they are rigorously selected from among the most outstanding doctoral candidates and recent graduates. Each of the speakers placed a particular emphasis on the purpose of Mrs. Killam's bequest, "to help in the building of Canada's future by en-

couraging advanced study...and to promote sympathetic understanding between Canadians and the peoples of other countries." Particular note too was made of Mrs. Killam's desire that "a Killam scholar should not be a one-sided person" but have an intellect "complemented by a sound character."

For information about the Killam Scholarships (\$12,500 p.a. pre-doctoral; \$24,500 post-doctoral), write to Ron Chilibeck, Secretary to the University of Alberta Killam Scholarship Committee, 252 Athabasca Hall.

Pre-Doctoral Scholars

Gunadya Bandarage (Chemistry, 1983)
Hermes Benitez (Educational Foundations, 1985)
Sylvia Berg (English, 1985)
Peter Crocker (Physical Education and Sport Studies, 1985)
Per Dalgaard (Comparative Literature, 1984)
Jerome Ell (Educational Administration, 1985)
Vidanagamage Epa (Chemistry, 1983)
Philip (Rod) Evans (Educational Administration, 1983)
Mikio Fujita (Secondary Education, 1985)
Robert Grigjanis (Physics, 1983)
Margaret Harrison (Family Studies, 1985)
Ian Humphreys (Physical Education and Sport Studies, 1983)
Katie Jones (Comparative Literature, 1984)

Inger Lauridsen (Comparative Literature, 1984)
Richard Martin (English, 1983)
Andriy Nahachewsky (Slavic and East European Studies, 1985)
Stewart Petersen (Physical Education and Sport Studies, 1984)
Allan Reid (Slavic and East European Studies, 1983)
Frances Swyripa (History, 1983)
Xi-Shuo Wang (Physics, 1984)
On Wong (Physics, 1985)
Zhuocheng Yang (Mathematics, 1985)

Post-doctoral Scholars

Pamela Asquith (Anthropology, 1985)
Andreas Athienitis (Mechanical Engineering, 1985)
Barry Dent (Chemistry, 1985)
Ruth Glancy (English, 1983)
Stephen Kent (Sociology, 1984)
Johannes Kingma (Psychology, 1984)
Larry McEdward (Zoology, 1984)
John Pickard (Botany, 1984)
William Smythe (Psychology, 1984)
Robert Swaskey (Comparative Literature, 1985)

Committee Members

Dean F.S. Chia and associates S. Arnold and J.R. Thompson (Graduate Studies and Research); R.D. McMaster, English; H. Baadsgaard, Geology; E.A. Holdaway, Educational Administration; J.A. Kernahan, Physics; R.D. Chilibeck, secretary; Killam Trustees. □

Fire Prevention Week

During the nation-wide observance of Fire Prevention Week, 6 to 12 October, the University's Fire Safety Office is stressing a single message: Fire Drills Save Lives!

The Office recommends that each student, staff member and visitor take time to locate at least two separate exits from every floor area that they normally frequent in a day. In the event of a fire they will then be able to quickly evacuate the building by one of these routes. People should also become familiar with the location of fire protection equipment, for example, fire extinguishers, fire hose cabinets, fire alarm pull stations, in their areas.

People should also be concerned with fire safety in the home. In Canada, 48 percent of all fires occur in residential occupancies, yet these same fires account for 90 percent of all fire-related deaths. Two exit routes should be known. If not, take time to decide on where and how to evacuate in the event of a fire. Is your residence protected with a smoke detector? Is it working properly? If not, you're endangering your family, your possessions, and yourself needlessly. Take steps now to protect your family and yourself, advises Fire Protection Officer Ray Richards.

Think fire safety year round. Know two ways out and remember, smoke detectors could save your life.

The University's Fire Safety Office ensures that the buildings and grounds are established and maintained in accordance with applicable fire codes. This includes the inspection of existing facilities, review of new and renovated facilities, and promotion of fire safety through encouragement, assistance and training. The Office is located in the Occupational Health and Safety Office, 107 Education Car Park.

Members of the University community who have questions or concerns are invited to call the Fire Safety Office at 432-5614. □



President Horowitz shows Ray Richards that the expression "good eye" applies not only to Blue Jays batters.

This Museum Lets You Learn by Touching

When you visit a museum, you usually only get to see the exhibits that the curators have picked out for you to look at. For lack of space, there's a lot of information that isn't made available to you—but you might really like to be able to access it.

With the recent opening of the Tyrrell Museum of Palaeontology at Drumheller that problem has been solved.

About a year ago, Computing Services and the Instructional Systems Group (ISG) got together with Alberta Culture and the Museum organization to help them set up systems that would make information about the Museum's 50,000 artifacts available to anyone interested.

When the Museum opened at the end of September, it had a system in place, a system that could catalogue and store data about archaeological finds so that the data base could be searched.

Even better, Computing Services and ISG collaborated with curators and palaeontologists to develop a series of "lessons" about palaeontology and the exhibits, and about how palaeontologists do their work. They have, for instance, put together lessons on dinosaurs—their evolution and their structure; for the amateur palaeontologist, there are lessons on reading palaeontological data—if you were to discover a series of footprints overlaid with other footprints, you can learn how to recreate the events that

took place when that happened.

You can pick and choose what you want to know, whether it's from a single lesson or from a number of lessons. Since the lessons are set up using terminals that have touch screens, you don't have to know anything about using a keyboard in order to enjoy them.

Hundreds of thousands of vis-

itors are expected to go through the Museum in the next while, and ISG think this will be the most viewed courseware package they have ever written.

Proceeds from Computing Services' contract with the Museum will go to finance our PLATO computer-assisted instruction program. □

Gairdner Awardee to Visit Campus

Paul C. Lauterbur, a 1985 recipient of a Gairdner Foundation International Award, will visit the campus as a guest of the Department of Biochemistry. On Monday, 21 October, he will present a lecture titled "Contrast Agents for NMR Imaging" in 2-27 Medical Sciences Building at 4 p.m. Dr. Lauterbur's visit is being sponsored by the Gairdner Foundation of Toronto.

A University Professor at the University of Illinois, Dr. Lauterbur is being honored by the Gairdner Foundation for first proposing the use of nuclear magnetic resonance to produce images and demonstrating its application to human disease. The magnetic resonance imaging scanner is one of the most powerful diagnostic tools in modern medicine. It is now used for the diagnosis of diseases of the head and neck, spinal cord, pelvic organs, heart and joints. The images frequently give diagnostic information that is not obtained by computed tomography or other previously available imaging techniques. Dr. Lauterbur's seminal contributions in the development of the Magnetic Resonance Imaging Scanner have also been recognized by his receipt of the Albert Lasker Clinical Research Award (1984), the Charles F. Kettering Prize of the General Motors Cancer Research Foundation (1985) and his election to the U.S. National Academy of Sciences (1985).

The Gairdner Foundation is 28 years old. A charitable foundation, its funds derive from the personal

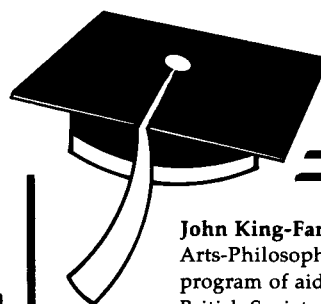
gifts of the late James A. Gairdner, a stockbroker and industrialist, and members of his family. Throughout his life, Mr. Gairdner exhibited a practical interest in clinical medicine and medical research. In establishing the Gairdner Foundation International Awards, he stipulated that winners were free to make personal use of their awards in any way they chose.

Between 1957 and 1985, the Foundation has honored 174 scientists from a number of countries, including Argentina, Australia, Belgium, Canada, England, France, Switzerland and the United States.

Early on, awards went to scientists in clinical medicine, particularly in the fields of arthritis, rheumatism and heart disease. More recently, awards have been presented to immunologists and molecular biologists.

The Gairdner Awards encourage and reward individuals who have helped in the conquest of disease and the relief of human suffering. The Foundation hopes that the awards will "assist in focusing the attention of the public and of the medical community upon scientific achievements in the medical field. It is also hoped that the awards will contribute to improved communication of ideas among scientists."

Dr. Lauterbur, one of six recipients of a Gairdner Award this year (along with Raymond Lemieux of our University), will receive his prize at the award ceremonies in Toronto on 25 October. □



Activities

John King-Farlow has been appointed to the Fine-Arts-Philosophy-Religion Committee of SSHRCC's new program of aid to learned journals in Ottawa...The British Society of Community Medicine and the British

Society of Nutritional Medicine invited H. Wohlfarth to give a paper on "The Effect of Colorpsychodynamic Environment Modification on Health and Behaviour" at their conference on 29 November in London. Professor Wohlfarth will be the guest of honor of the officers of the two medical societies at a dinner on 28 November...University Professor L.C. Green has published "Terrorism and Its Responses" and "International Law and Peace: An Analysis of Specific Issues" (in Korean). The articles appear in *Terrorism and Shondai Sahue* (Modern Society, published by Modern Sociological Institute, Seoul, Korea), respectively...The paper: "Methodological Reflections on Objectivity and Explanation in the Historiography of Higher Education." The presenter: Henry W. Hodysh, Educational Foundations. The occasion: the 7th International Standing Conference on the History of Education, in Salamanca, Spain...Graham Fishburne, Elementary Education, has also been in demand as a speaker. In July, the venue was the International Congress on Health, Physical Education and Recreation in London, England. In August, Dr. Fishburne gave papers at the 6th World Conference on Gifted and Talented Children, in Hamburg, West Germany, and at the 1985 AIESEP World Conference on Research in Physical Education and Sport, in New York...Each year, C-I-L Inc. sponsors the Distinguished Lectureship Series in the Department of Chemical Engineering. On 19 and 20 September, Andreas Acrivos, Professor of Chemical Engineering at Stanford University, fulfilled the obligations of the 1985 C-I-L Distinguished Visiting Lecturer.

C.S. Hale has been re-elected President of the Association for the Advancement of Scandinavian Studies in Canada. During the summer, Dr. Hale gave an invited paper, "Fiction and Truth: Sandemose's Canadian Experiences," at the Sandemose Conference in Nykøbing, Denmark...Gordon Peacock, founding Chairman of this University's Department of Drama, has been appointed to the Frank C. Erwin Jr. Centennial Professorship in Drama at the University of Texas at Austin. An internationally-recognized director for the theatre, Professor Peacock has directed major productions at the Banff School of Fine Arts, the National Theatre School, Stratford, the Pacific Conservatory in California, the Greek National Theatre as well as numerous productions at Studio Theatre. His appointment to the University of Texas is effective 16 January 1986...Educational Psychology's Jay Bishop delivered a paper titled "Television, Love, Hate and the future toaster of hope" at a workshop that was part of the Alberta Association for Young Children's recent annual conference "Dare to be Different."

'Research Canada 86' to Probe Research into Health Issues

"Research Canada 86" is a series of lectures and colloquia coordinated by the federal government in conjunction with Expo 86 in Vancouver.

The University of Alberta is one of seven venues across Canada where ideas that drive research and development will be considered in detail. From 28 to 30 October, people will gather in Bernard Snell Hall (free admission) to give thought to "Research into Health Issues." The impetus for discussion is the argument that human freedom can only be maintained by limiting population growth. "Does our concern for the welfare of the species justify placing restrictions on the right of individuals to reproduce? Why deny procreation to some and offer prolonged life to others? What are the social and ethical implications of increased longevity."

"Research Into Health Issues" will be addressed by, among others, Vivian M. Rakoff, Rose Sheinin and Arthur Schafer. Dr. Rakoff is Director and Psychiatrist-in-Chief of the Clarke Institute of Psychiatry, and Professor and Chairman of the Department of Psychiatry at the University of Toronto. Dr. Rakoff is concerned that "health care is not absolute but reflects the expectations of society. The usual methods

of cost-effective accounting may not apply, since we are expending—very properly—huge amounts of money on apparently hopeless conditions. Universal standards of health care may have to be couched in the most minimal terms for world-wide application, but these standards will probably not be accepted by Canadians. The issue of ethical universality and local economic realities need to be carefully and unsentimentally explored."

Dr. Rakoff's lecture will take place at 10:45 a.m. on 29 October.

Rose Sheinin is Vice-Dean of the School of Graduate Studies and Professor of Microbiology at the University of Toronto. Her topic deals with human in vitro conception, which, she claims, "in the near future...may be combined with genetic engineering to eliminate congenital diseases and disabilities or to enhance 'desired traits.' Organizations and nations may have the ability to engage in projects which could have profound social, ethical, and religious implications. Is unfettered research in this area in conflict with fundamental democratic precepts? Are social controls likely to be necessary and effective? What is an appropriate forum for dealing with these issues?"

Dr. Sheinin will speak at 2 p.m.

The debate over modern medical technology such as artificial hearts will be discussed by Arthur Schafer, Director of the Centre for Professional and Applied Ethics, and professor of Philosophy at the University of Manitoba. His lecture will take place at 3:30 p.m., and will raise questions such as: "Is the benefit worth the cost?" "Who should get medical care, and how much?" Professor Schafer will present three theses: "Much of our vast expenditure on medical high technology is of little net benefit to society. There are other, better options." "Our current decision-making is often based on politics and drama and has produced bad medicine and bad ethics." "Rationing (direct and indirect) already exists in our medical system. But 'cost-benefit analysis' produces injustice and inefficiency." He will discuss these areas and try to answer the questions "Can we measure the value of human life?" and "Can we obtain the 'hard data' we need to allocate scarce medical resources efficiently, or are we forced to rely on 'gut feelings'?"

A panel discussion on "Ethical issues in Modern Medicine and Medical Research" will take place at 8 p.m. Among the speakers will be

Associate Dean (Research), Faculty of Medicine, M.J. Poznansky. The discussion will be moderated by Vice-President (Research) J. Gordin

Kaplan. President Horowitz will present closing remarks at 9:30 p.m. More on "Research Canada 86" next week. □



University of Alberta
Edmonton

The University of Alberta
invites you to attend

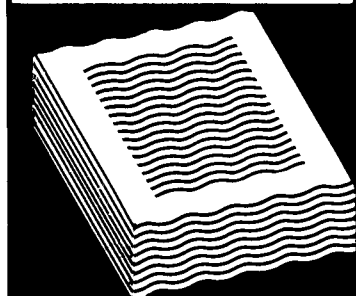
a
University/Community debate,
co-sponsored by the
Senate and the Alumni Association,
on the resolution that,

**a university education is a luxury,
not a necessity for success in life,**

with
Louis Desrochers, Chancellor Emeritus,
as moderator,
and
Peter Hemingway, Bettie Hewes,
Stephen Hume, Len Pollock,
Ros Sydie, and a
University of Alberta student,
to be held during
National Universities Week
on
October 17, 1985
at 8:00 p.m.
in
Students' Union Theatre

Coffee will be served.

Currents



Radiation Safety Course

Three Radiation Safety Courses have been scheduled during this term. Those wishing to attend may obtain registration forms by calling Occupational Health and Safety at 432-5655.

Retirement Function for Doug Burns

Retiring Ceremonies and Protocol Officer W.A.D. (Doug) Burns will be held at a reception at University on 31 October. Light refreshments will be served from 3 to 5 p.m. At 4 p.m., President Horowitz will make a presentation to Mr. Burns.

All friends and colleagues of Mr. Burns are invited to attend the function.

Come Celebrate National Universities Week at Your University

Beginning Saturday, 19 October, there will be a special, week-long celebration of Canadian universities across the nation.

At the University of Alberta, there will be many different events to which everyone is invited.

There will be sporting and recreational events, presentations by world renowned researchers, art on campus and at the Edmonton

Art Gallery, music at Convocation Hall and the big band sound with **Bobby Shew** at West Edmonton Mall. As well, there will be a variety of information sessions and as always a chance to enjoy the campus, sample shopping in the HUB Mall, or people watch in the Students' Union Building.

There will be something for everyone. Come and Celebrate.

Talks, Debates and Symposia

15 October, Tuesday

Robert M. Hardy 75th Anniversary Lecture in Engineering with the University of Waterloo President Douglas Wright. Sponsored by the Alberta Research Council. 4 p.m. Lecture Theatre 1, Humanities Centre. Free admission.

17 October, Thursday

"A university education is a luxury, not a necessity for success in life"
A debate sponsored by the University's Senate and Alumni Association. Speakers will include former Chancellor Louis Desrochers, architect Peter Hemingway, former alderman Betty Hewes, *Edmonton Journal* Editor Stephen Hume, and Professors Len Pollock and Ros Sydie. 8 p.m. Students' Union Theatre. Free Admission.

19 October, Saturday

"Education Clinical Services"
A video presentation on the Faculty of Education's Clinical Services division. 1 p.m. 1-157 Education North. Free admission.

19 October, Saturday

"The Role of Religious Studies in North America"
A talk by Rev. E. Checkland of the Department of Religious Studies. 11 a.m. Free admission.

20 October, Sunday

"African Religions"
An address by M. Shoush of the Department of Religious Studies. 2 p.m. Humanities Centre. Free admission.

21 October, Monday

"Faculty of Business Executive-in-Residence"
Ronald Banister, Chairman and CEO of Banister Continental Ltd., will address classes in the Business Faculty.

22 October, Tuesday

"Food Production Problems in the Developing Nations"
Nathaniel H. Grace 75th Anniversary Lecture in Agriculture with Nobel Laureate for the "green revolution" Norman E. Borlaug of Texas A & M University. Sponsored by the Alberta Research Council. 4 p.m. Lecture Theatre 1, Humanities Centre. Free admission.

23 October, Wednesday

"Church-State Relations in East Europe"
with J.D. Pungur. 7:30 p.m. Humanities Centre. Free admission.

23, 24, 25 October,
Wednesday - Friday

Talks on aspects of bioinorganic chemistry and catalytic mechanisms
The 1985 Herbert Boomer Lectures in the Department of Chemistry with Jack Halpern of the University of Chicago. 11 a.m. each day, V-107 Bhatia Physics Laboratory. Free admission.

24 October, Thursday

"Technology Transfer: Continuing Education and Industry"
A seminar sponsored by the Office of Research Services for the Executive Committee of the Chamber of Commerce.

25 October, Friday

"Religious Studies: the Confrontation of East and West"
with P.J. Cahill, Chairman, Department of Religious Studies. 7:30 p.m. Free admission.

28, 29 October, Monday - Tuesday

"Research Canada 86. Ideas That Could Change the World"
A symposium organized by the Minister responsible for EXPO 86 and co-hosted by the University of Alberta and the University of Alberta Hospitals. Speakers on health issues will include the Hon. Tom Siddon, P.C., Minister of State for Science and Technology; Dorothy Nelkin, Cornell University; Vivian M. Rakoff and Rose Sheinin, University of Toronto; and Arthur Shafer, University of Manitoba. To be preceded by an international film festival on research. 10 a.m. - 5 p.m. Film festival; 7:30 p.m. (28 October) opening session; 9:30 a.m. 9:30 p.m. (29 October). All presentations to be made in Bernard Snell Hall, Walter C. Mackenzie Health Sciences Centre. Free admission.

29 October, Tuesday

"Fiscal Restraint and its Consequences for Academic Freedom: The British Columbia Experience"
Sponsored by the Academic Staff Association of the University of Alberta with speaker Dennis Pavlich of the University of British Columbia. 4 p.m. Lecture Theatre 1, Humanities Centre. Free admission.

Visual Arts and Displays

"Painting the Town"

Mural art in Britain between 1970 and 1980. Circulated by the National Museums of Canada and organized by University Collections. Rutherford Galleria.

"Staff Exhibition"

An exhibition of work by members of staff in the Department of Art and Design. Edmonton Art Gallery.

"Canadian Impressions"

The work of fifteen print artists from across Canada. Ring House Gallery.

"Art Nouveau in Fashion"

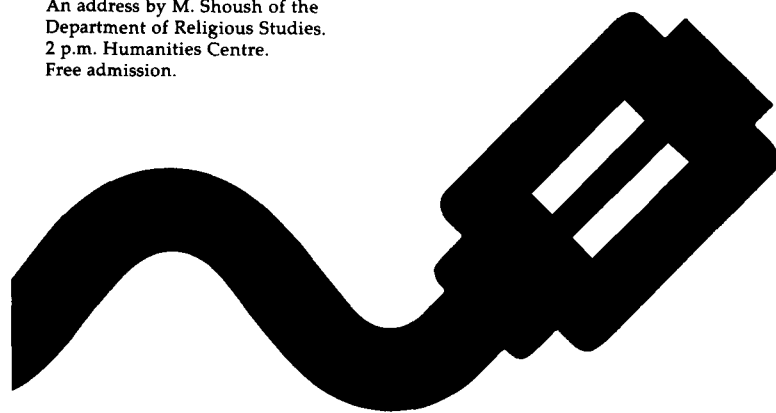
A display of historic costumes from the University's collection including items from Russia, Canada, and the United States. Organized by University Collections, the Department of Art and Design, and the Faculty of Home Economics. Ring House Gallery.

25, 26 October,
Friday - Saturday

"Arts and Crafts from Third World Countries"
A display presented by the World University Services Caravan. Arts Lounge, HUB Mall.

30, 31 October,
Wednesday - Thursday

"Volunteer Fair"
A presentation coordinated by the Students' Union. Students' Union Building.



The Senate Annual Report 1984~85



University of Alberta
Edmonton

Chancellor's Activities

Chancellor Savaryn had a very busy year carrying out his duties. He was a guest speaker on several occasions: in Vancouver where his topic was "Multicultural Dynamics Within the Modern Canadian Polity", in Edmonton speaking on "The Role of Second Languages in a University Education" and at a banquet as a guest of the Ukrainian Students' Association in Edmonton. In addition, he made a presentation to the Minister's Advisory Committee on University Affairs referring to the work of the Senate, especially in relation to Second Languages and the findings of the Task Force on Ethics.

He participated in the opening ceremonies in connection with the Bruce Peel Special Collections Library; the International Students' Centre; the "Hong Kong as a Colony" Exhibition and the new Fac-

ulty of Business Building, as well as Athabasca University. He attended several special lectures on campus and was present when recipients of the University of Alberta's Research Prizes and Teaching Awards were honored. At the request of the Students' Union, he officiated at the start of the very successful Terry Fox Run and visited the Garneau Community League when it promoted its project for original street names in the area—a project supported in part by a grant from the Emil Skarin Fund. As a Charter member of the President's Club, the Chancellor attended the Inaugural Dinner and the Studio Theatre event this spring. He took part in ceremonies honoring special Alumni at the Homecoming Ball and met members of the Golden Bears at their Luncheon Club.

After attending several sessions of the "Canada, The World and the Future" Conference, he provided

concluding remarks to this second successful venture. He was also invited to participate in the National Economic Conference in Ottawa. Representing the University, he attended the installation of Chancellors at the Universities of Winnipeg and Ottawa; was present at a retirement dinner for the Honourable Frank Lynch-Staunton; and accepted invitations to many different functions hosted by consuls, businesses, financial institutions and other off-campus organizations.

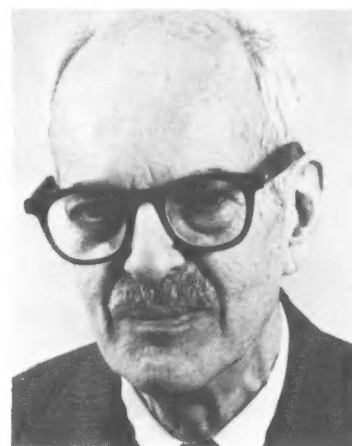
He entertained a wide variety of guests, including, among others, Her Excellency, Dr. Hedwig Wolfram; Professor Matsuzawa, Dean of Law, Hokkaido University; and members of the Executives of the Students' Union; the Graduate Students' Association; the Association of the Academic Staff and the Non-Academic Staff Association. He attended the Dean's MBA Association dinner at which the Premier was the keynote speaker and also Friar's Night.

One of the interesting highlights of the year was the visit he made with Mrs. Savaryn to Japan as a guest of President Kurimoto. He gave the Inaugural Addresses at Nagoya University and Koryo International Women's College and was impressed by the obvious warmth and respect with which the University of Alberta is viewed. He and Mrs. Savaryn were also able to visit Kyoto, Hiroshima and the Tsukuba Expo 85 Exhibition. A stimulating and memorable visit.

five ceremonies were planned: 31 May 1985 in Convocation Hall when the Faculty of Law graduated, with D.C. McDonald and B. Wilson receiving honorary degrees. The other four days of Convocation (3 to 6 June) took place in the Jubilee Auditorium and honorary degree recipients were: D.R. Clandinin, C.J. Clark, S.A. Egoft, D.S. Harvie, W.H. Hunley, L. Mol, O. Pritsak and B. Snell. More than 2,000 out of 4,011 graduates chose to be present for the ceremony and had their degrees conferred in person by the Chancellor.



Chancellor Savaryn and Executive Officer Mary Totman



Nathan Keyfitz



Ruth McClure

Convocations

This year at Fall Convocation, honorary degrees were conferred on N. Keyfitz and R. McClure, and 492 out of 1,267 graduates were present with family members and friends. This Spring, because of the large number of students graduating,



Don Clandinin



Helen Hunley



Joe Clark



David McDonald



Sheila Egoff



Leo Mol



Donald Harvie



Omeljan Pritsak

Senate Activities

The City of Grande Prairie was the community chosen for Senate's out-of-town meeting this year. Because of the expense involved in the visit, it was decided not to stay overnight. This resulted in a very long day for members of Senate (leaving the Municipal Airport at 8:30 a.m. and returning at 11 p.m.) but it was very worthwhile. After a short tour of Grande Prairie Regional College on arrival, the Senate meeting opened at 10:30 a.m. and ten Briefs were received during the day from people in the community. Many referred to the desire to have a university in Grande Prairie and sought the support of Senate members for this proposal. Other Briefs referred to a perceived need for ethical training for all students at Alberta's universities, and the need for graduate courses to be offered in Grande Prairie, particularly by the Faculty of Business.

During an extended lunch hour, small groups of Senate members were able to visit the College, schools and the hospital so that some people who were unable to attend the meeting could have an opportunity for informal conversation with members of Senate. This experiment was highly successful and it was agreed it should be repeated when appropriate arrangements could be made. During the evening, the Senate attended a banquet hosted by the College in conjunction with the City of Grande Prairie and Canadian Hunter. Dr. Werner Israel, internationally-recognized physicist from the University of Alberta, was the guest speaker.

In November, Senate members had an opportunity to discuss the Provincial Government's White Paper "Proposals for an Industrial and Science Strategy for Albertans, 1985-1990." There were several important implications for universities within the report, as high-

lighted by Students' Union Vice-President (External) P. Alpern and Vice-President (Academic) P. Meekison. In addition, Director of Research Services R. Armit and Professor H. Seguin, Department of Electrical Engineering, discussed the transfer of technology from the University to industry, and more particularly the evolution of a laser research project from the basic research stage to the establishment of a joint venture to commercialized high powered laser technology.

The Senate Lay Observers Report was presented and forwarded to General Faculties Council. Senate continues to respond to General Faculties Council's request for members to observe and report on the Admissions process.

In February, Senate welcomed Mayor Decore, Alderman White and Mr. David, Manager of the City's Transportation Department, who explained the City's plans regarding the extension of the L.R.T. to campus. Many questions were asked about the proposal and Senate members passed a motion to support the City of Edmonton's request for provincial funding to ensure the earliest possible completion of the project. Also discussed at the meeting was a proposed recommendation regarding a second language requirement for the academic high school diploma, as included in the Alberta Education Review of Secondary Programs. Although no action was taken, opportunity was provided for considerable discussion.

It was further decided at that meeting that Senate should establish a Standing Committee on Community Relations which would work to increase the community's appreciation and understanding of the value of the University to society. In addition, Mrs. M. Totman was appointed to her third two-year term as Executive Officer of the Senate.

The April meeting included reports from the Senate representa-



Bernard Snell



Bertha Wilson

tive on the Board of Governors; the President of the Alumni Association; the Vice-President (Academic), on activity related to the needs of bilingual students on campus; as well as a Report from the Academic Women's Association reviewing the recommendations made in the Senate's 1975 Status of Women Task Force Report. Regarding the latter, Senate agreed to establish a Committee to monitor and report on progress made within the next two years.

Senate also received during the year presentations from the Dean of Science and the Dean of Student Services. It is obvious from the many questions generated that Senate members appreciate the opportunity to seek further information about different University programs.

Mr. Savaryn will complete his four year non-renewable term as Chancellor on 30 June 1986 and the Search Committee for a New Chancellor will begin its work at the beginning of September. It is anticipated that a new Chancellor will be elected by Senate at its February meeting.

Task Force Activities

In April of this year, the Task Force on Ethics presented its Report to Senate. Through discussion of a series of cases with ethical implications Senate members were made aware of the complexity of some of the issues dealt with by the Task Force. The nine recommendations were all approved by Senate and were forwarded to those to whom they were directed. It is expected there will be a Progress Review Report to Senate in a couple of years. (Copies of this Report and all other Senate Task Force Reports are freely available from the Senate Office.)

The Progress Review Committee reported to Senate actions taken following the Task Force on Mature Students. In general, the Progress Review Committee was very pleased with what it learned and received many positive comments from students on campus.

At the April meeting, it was decided to establish a Task Force to Review Post-Secondary Education Options. The issue arose mainly as a result of presentations made to Senate at several of its out-of-town meetings. An Ad Hoc Committee under the chairmanship of Mr. McLean reviewed the feasibility of setting up a Task Force on this subject and its recommendation to do so was approved.

Standing Committees

Executive Committee

The Executive Committee met six times during the past year with planning of the plenary sessions of Senate its main task. In addition, the Executive Committee supervised the Senate budget and was pleased to announce that the year ended with a modest surplus.

The second meeting of Executive Committees of the Senates of the University of Alberta, the University of Calgary, the University of Lethbridge and Athabasca University Governing Council met at the invitation of the Minister of Advanced Education in Government House. After a morning session devoted to presentations from Alberta Advanced Education (and these presentations stimulated excellent discussion), the Minister hosted a lunch and gave a short address. The afternoon was spent in small group discussions related to Committee functions. It was a most useful day and helped to point out the diverse ways in which the different Senates fulfill their mandate.

Honorary Degrees Committee

This Committee solicited nominations for honorary degrees from the public, and selected those persons on whom the honorary degrees were conferred at Fall and Spring Convocations. The committee is delighted that nominations of such high calibre continue to be presented for consideration. It is the committee's intention that honorary degrees should be conferred on those people who will bring honour to the University by their acceptance.

Nominating Committee

The Nominating Committee has three specific tasks: orientation of new Senate members, appointment to committees and recommendations regarding the election of members of the public. Many highly qualified people allow their names to stand for election to Senate, and the Nominating Committee considers many factors before preparing a slate for presentation to Senate.

Emil Skarin Fund

Monies accruing from the bequest to the University from Mrs. Ada Skarin were presented this year to Dr. R.J. Carney (toward the distribution of a special edition of *The Canadian Journal of Native Education*); Ms. H. Collinson (toward a photographic exhibition of Alberta Yard Art) and Professor N. Yates (a contribution to the cost of an outside mural on campus).



The Chancellor toured a papermaking shop during his visit to Nagoya University.

Community Relations Committee

This newly established Committee is working to prepare proposed Terms of Reference for acceptance by Senate. One of its first tasks is to discuss Senate involvement in National Universities Week (19 to 27 October 1985), as well as other longer term projects.

Farewells

This year we said farewell to the following members of Senate:

P. Alpern
G. Campbell
J. Dale
H. Danial
G. Desaulniers
D. Faryon
T. Haberman
R. Heyworth
H. Hulleman
T. Kernahan
R. Killeen
C. Lockwood
S. McArthur
S. McCurdy
M. Pasula
W. Sawatzky
B. Scheske
J. Scott
S. Sprague
B. Strain
B. Tinkess

The many hours of volunteer time spent on Senate business by these retiring members is greatly appreciated.

New Members

The following have joined the Senate since December 1984:

D. Badir
M. Bertsch
C. Blair
G. Borbridge
B. Bryant
P. Caffaro
L. Drouin
D. Foth
P. Freeman
M. Gallo

M. Grant
A. Hasan
T. Koch
A. Meldrum
G. Morris
B. Olsen
G. Purcell
R. Spector
C. Sutton
R. Wiznura
B. Yurko

Also, E. Jarvie joined the Senate staff. We welcome them all and know each will prove to be a valuable resource.

Coming Events

Senate meetings will be held on 15 November 1985, 28 February 1986 and 25 April 1986.

Members of the public are welcome to attend all our meetings which, when on campus, are held in the Council Chamber, University Hall.

Fall Convocation will be 16 November 1985; in the Spring, 2 to 6 June 1986 will be Convocation days.

Senate Membership List 1984-85

Ex Officio

Mr. P. Savaryn (Chancellor)
Dr. M. Horowitz (President)
Dr. J.P. Meekison (Vice-President Academic)
Dr. P.M. Miller (Dean of Students)
Prof. C.M. Lockwood (Dean of Extension to December 1984)
Prof. R.R. Faryon (Acting Dean of Extension to June 1985)
Mr. R.H. Heyworth (President, Alumni Association)
Mr. B. Krull (Vice-President, Alumni Association)

Appointed Members

Deans' Council

Dean F.D. Jones
Dean J. MacPhail

Board of Governors

Mrs. J.E. Bentley
Dr. J.R. Kandler

General Faculties Council

Prof. R.R. Faryon
Prof. J.A. Kernahan
Prof. G.A. Webster

Alumni Association

Mrs. J. Ferguson
Dr. B. Strehlke

Students' Union

Mr. P. Alpern
Miss J. Dale
Mr. S. Pemberton
Mr. W. Sawatzky

Graduate Students' Association

Mr. R. Tinkess

Minister of Advanced Education (Non-Academic Staff Members)

To be appointed

Minister of Advanced Education (Public Members)

Mrs. E. Bereti
Mr. G.G. Campbell (to February 1985)
Dr. H. Danial (to December 1984)
Mr. G. Desaulniers (St. Paul) (to December 1984)
Mr. L. Drouin (St. Paul) (from December 1984)
Mrs. M. Gallo (from December 1984)
Mrs. T. Haberman (Grande Prairie) (to December 1984)
Mrs. B. Kerr
Mr. T. Koch (from February 1985)
Mr. J.E. McLean
Mrs. A. Meldrum (from December 1984)
Dr. J. Scott (to September 1984)
Mr. L. Soper
Mr. R. Wiznura (Lamont) (from December 1984)

Elected Members

Mr. R. Basken
Mr. R. Berger
Mr. C.O. Brager (Camrose)
Mrs. B. Bromley (Yellowknife)
Mrs. M. Brown
Mr. P. de Groot
Mrs. J. Fraser
Mr. H.C. Hulleman (Red Deer)
Father W. Irwin
Mr. R. Killeen
Rev. T. Leadbeater
Miss M. Lee
Mr. D.R.B. McArthur
Dr. S.G. McCurdy
Mr. C. McDonald (Vegreville)
Mr. Justice T. Miller
Mrs. J. Oshry
Dr. S. Parkash
Mrs. M. Pasula (Drayton Valley)
Mrs. M. Payne (St. Albert)
Mr. J. Pratt (Sherwood Park)
Mrs. B. Richardson (Fort McMurray)
Rev. B.B.F. Scheske
Mr. T.E. Slemko (Onoway)
Mr. C.J. Small
Mrs. S. Sprague
Mr. B. Strain (Stettler)
Mr. T.J. Walsh (Calgary)
Dr. H.M. Wojcicki
Miss E. Zawadiuk (Two Hills)

Senate Staff

Mrs. R.M. Totman (Executive Officer)
Mrs. J. Goldsand (Assistant to Executive Officer)
Mrs. E. Jarvie (Secretary)

Committee Memberships

Standing Committees Executive

Mr. Savaryn (Chairman)
Dr. Horowitz (*ex officio*)
Mr. Alpern
Mr. Basken
Mrs. Brown
Mr. Hulleman
Mr. Pratt
Mrs. Sprague
Mr. Tinkess

Nominating

Mrs. Brown (Chairman)
Mr. Savaryn (*ex officio*)
Mr. Heyworth
Mrs. Kerr
Dr. McCurdy
Dean MacPhail
Mr. Sawatzky
Mr. Slemko

Honorary Degrees

Mr. Savaryn (Chairman)
Dr. Horowitz (*ex officio*)
Mrs. Bentley
Mr. Berger
Mrs. Fraser
Mrs. Haberman
Dean Jones
Prof. Kernahan
Miss Lee
Mr. McLean
Mr. Justice Miller
Mrs. Pasula
Mr. Pemberton
Mr. Small
Mr. Walsh

Emil Skarin Fund

Mr. Brager (Chairman)
Mr. Savaryn (*ex officio*)
Dean of Arts (*ex officio*)
Dr. Clarke (*ex officio*)
Mrs. Bereti
Miss Dale
Mr. Killeen
Mr. McDonald
Rev. Scheske

Community Relations

Mr. de Groot (Chairman)
Mr. Savaryn (*ex officio*)
Mr. Brager
Mr. Koch
Miss Morris
Dr. Parkash
Miss Zawadiuk

Ad Hoc Committees

To Review Progress on Recommendations of the Task Force on Mature Students

Prof. Faryon (Chairman)
Mrs. Oshry
Mrs. Payne
Mr. Pratt
Mr. Soper

To Discuss the Formation of a Task Force to Look at Post-Secondary Education Options

Mr. McLean (Chairman)
Mr. Berger
Miss Dale
Prof. Roberts (Faculty of Extension)
Mrs. Sprague

Other Senate Appointments

Senate Appointee to Board of Governors

Mr. McArthur

Senate Observer to GFC Academic Development Committee

Mr. de Groot

Faculty of Extension Council

Mrs. Haberman
Mr. Killeen
Dr. Parkash
Mr. Strain
Miss Zawadiuk

Lay Observers of the Admissions Process in Quota Programs (1985 Admissions)

Agricultural Engineering: Mr. Krull
Business: Mrs. Kerr
Computing Science: Mr. Small
Criminology: Dr. Parkash
Dentistry and Dental Hygiene: Mrs. Meldrum
Drama: Mr. Heyworth
Engineering: Mr. Krull
Law: Mrs. Ferguson
Library Science: Mr. Soper
Medical Laboratory Science: Mr. Berger
Medicine: Mrs. Bentley
Nursing: Mrs. Oshry
Pharmacy: Mrs. Richardson
Occupational Therapy: Mrs. Gallo
Physical Therapy: Dr. Wojcicki
Speech Therapy: Mr. Slemko

Health Sciences Animal Policy Committee of the Faculty of Medicine

Mr. Small
Dr. Strehlke

Dean of Extension Search Committee

Mrs. Pasula

The purpose of National Universities Week (NUW) is to demonstrate the essential roles of the universities in the social, cultural and economic life of Canada, their roles at local, regional and national levels



Music and Theatre

15 October, Tuesday

Elsie Hepburn, soprano, and John Armstrong, violin, in recital.
8 p.m. Convocation Hall. Free admission.

18 October, Friday

Winner of the Eckhardt-Gramatte National Music Competition Joanne Oppenorth, violin, in recital.
12:15 p.m. Convocation Hall. Free admission.

"Translations"

by Brian Friel.
8 p.m. Studio Theatre, Corbett Hall. Admission charge.

20 October, Sunday

Cecilia Orchestra under the baton of Jim Forsyth.
8 p.m. Convocation Hall. Admission charge.

24 October, Thursday

University of Alberta Stage Band with jazz virtuoso Bobby Shew.
6 and 7 p.m. West Edmonton Mall.
Ernesto Lejano and Alexandra Munn, duo-pianists, in recital.
8 p.m. Convocation Hall. Free admission.

27 October, Sunday

University of Alberta Symphonic Wind Ensemble under the direction of Fordyce Pier.
8 p.m. Convocation Hall. Admission charge.

Sports, Recreation, Fitness

18, 19, 20 October,

Friday - Sunday

"Octoberfit"

A conference on fitness in Canada with, among other participants, the Hon. Otto Jelinek, Minister of State for Fitness and Amateur Sport. Sponsored by the Faculty of Extension.
Lister Hall. Registration fee.

19 October, Saturday

Golden Bears vs. Calgary Dinosaurs
The finest in intercollegiate football as the Golden Bears host the University of Calgary Dinosaurs in the annual Alberta classic.
1:30 p.m. Varsity Stadium. Admission charge.

20 October, Sunday

"Tour de Campus"
Fun and fitness in a cycle race around the U. Two separate races, one for students and the other for families. Sponsored by Athletic Services.
2 p.m. Adjacent to the Physical Education Centre.

27 October, Sunday

"Dance Fest"
A group of ethnic dance companies will perform, inviting participation from the public. Sponsored by Athletic Services.
1:30 - 4 p.m. Dance Studio, Physical Education Centre.

Open Houses, Information Sessions

21 October, Monday

"Adult Education"

A symposium on adult education sponsored by the Faculty of Education and Athabasca University.
3 - 9 p.m. Education Centre. Free admission.

"Religious Studies"

The Department of Religious Studies invites you to attend any of its classes throughout the week. Topics to be covered include "Introduction to Eastern Religion", "Chinese Religious Thought", "Religions and Social Change", "Jesus of Nazareth".
For times and location, telephone 432-2325.

"Educational Travel"

An information evening with a spotlight on travel tours offered by the Faculty of Extension.
7 - 10 p.m. Lecture Theatre 1, Humanities Centre. Free admission.

24 October, Thursday

Open house

The International Students' Centre celebrates the 40th anniversary of the United Nations.
9 a.m. - 4:30 p.m. International Students' Centre, 11023 90 Avenue.

"Adult Information Evening"

An evening with our Registrar's staff for people thinking about a university education but are not currently in high school or college.
7 - 10 p.m. Tory Lecture Theatre, Saskatchewan Drive. Free admission.

Personal Development

19, 20 October,

Saturday - Sunday

"Compulsive Eating and Body Image"

A two-day course organized by the Women's Program division of the Faculty of Extension.
10 a.m. Registration fee.

23 October, Wednesday

"Women's Alternatives for Negotiating Peace"

Sponsored by the Women's Program division of the Faculty of Extension.
7:30 p.m. 2-115 Education North. Registration fee.

24, 25 October,

Thursday - Friday

"Counselling Girls and Women"

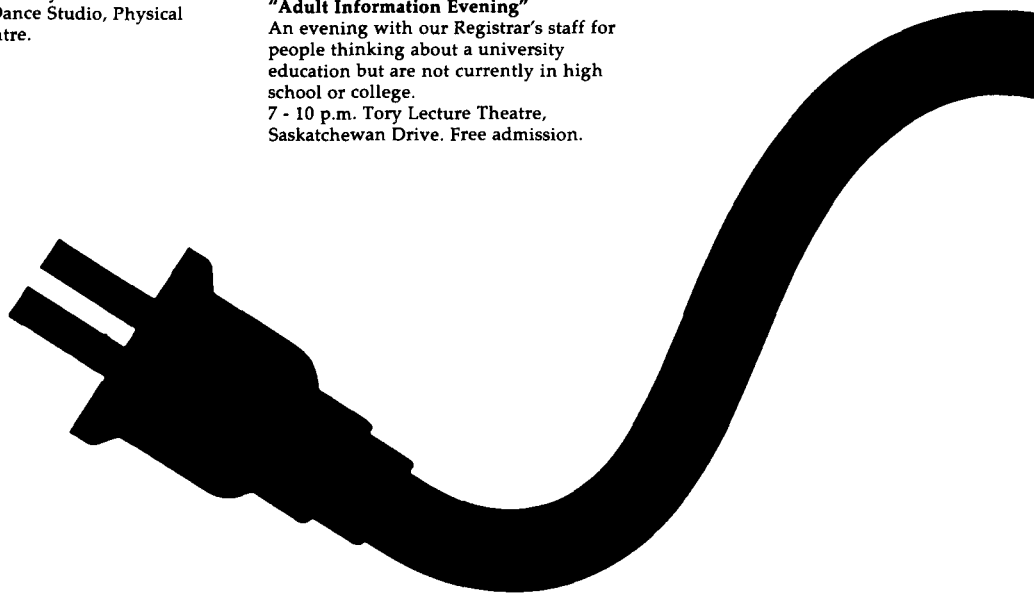
A two-session course sponsored by the Women's Program division of the Faculty of Extension.
Registration fee.

Further information:

Office of Public Affairs
Telephone 432-2325
8:30 a.m. - 4:30 p.m.
Monday - Friday



**NATIONAL
UNIVERSITIES WEEK
EXTENDING IDEAS INTO YOUR COMMUNITY**



Senate Visits Sherwood Park

A message to the person who proposed that the University Senate hold one meeting a year outside Edmonton: take a bow and keep those ideas coming.

For the seventh consecutive year, (September having been designated "travel month"), Senate put mileage between itself and the University Hall Council Chamber. On 27 September, Strathcona County hosted Senate's first meeting of 1985-86.

After settling comfortably in a meeting room of Franklin's Inn in Sherwood Park, Senate approved a resolution calling for the establishment of an ad hoc committee to raise funds for the restoration of the Senate Chamber in the Arts Building. This is not seen as an all-out drive but rather a quiet approach to current and past Senators, Board of Governors and General Faculties Council members and others. Reg Basken will serve as chairman. Senate wants to get involved because of the historical connection—the Chamber was Senate's meeting place in years gone by—and because monies allocated for the refurbishing of the Arts Building will not allow for restoration of the Senate Chamber nor furnishing in the original style.

When finished, the Chamber will be used almost exclusively by Arts.

Debate in the Offing

One item was added to the agenda—the announcement of the "University/Community Debate" on 17 October. Pieter de Groot, Chairman of Senate's Community Relations Committee, informed the meeting that the resolution to be debated is that, "a university education is a luxury, not a necessity for success in life."

Peter Hemingway, Bettie Hewes, Stephen Hume, Len Pollock, Ros Sydie and D'Arcy Keene will address the resolution; Louis Desrochers will be moderator.

Mr. de Groot indicated that the committee wanted a topic that would relate to the wider community and allow the debaters a good deal of scope. He feels that "there's lots there to get hold of."

Letters of invitation have gone out to local high schools and University students and staff and the public are urged to attend and bring questions/concerns.

The debate will start at 8 p.m. in the Students' Union Theatre.

In his report to Senate, Myer Horowitz touched on a number of appointments, including that of Martha Piper as Dean of the Fac-

ulty of Rehabilitation Medicine. On registration, Dr. Horowitz said the University is exactly where it was last year. "We have 14 more students as of last Wednesday (25 September) than we had on the same day last year."

The demolition of the Algonquin Apartments, he said, was necessary because the building simply could not be used as a residence. The mortar between the bricks had disintegrated and if the innards had been removed a la Athabasca Hall the walls would have collapsed.

Dr. Horowitz reported that five houses in Garneau have been restored at a cost of \$680,000 and two have been torn down.

After reminding Senate that PACCR is reviewing service units as well as academic units and that the process is now five years old, the President turned to the work of the Strategic Planning Groups and expressed confidence that within two months a statement concerning the University's future would be ready for circulation.

At the recent launching of the *Canadian Encyclopedia*, he said he was "almost embarrassed by the outpouring of congratulations to the University. It was a good marriage; there was a lot in it for us." (There should be more in the future—the University receives five percent of any and all profits.)

Executive Officer Mary Totman said more than 600 copies of the Report of the Task Force on Ethics, presented last April, have been distributed. She referred to a letter from the Archbishop of York University to Tom Leadbeater, vice-chairman of the task force, in which he said, "I'm impressed and envious that you have managed to persuade your University to investigate such a project. It seems to me to be central to what a university ought to be doing, but alas too few of them accept the responsibility."

Honorary Degree Recipients

The Honorary Degrees Committee reported that Helen Huston and Robert Stollery will be awarded degrees at Fall Convocation, 16 November.

Helen Huston has spent the past 32 years as a medical missionary in East Asia. She began her medical career in India and later moved to Nepal, where she continues her work.

A native Albertan, Dr. Huston graduated from the University of Alberta with science and medicine

degrees. She was initially assigned to India as a medical missionary and soon became fluent in the Hindi language. In the late 1950s, Dr. Huston moved to Katmandu, Nepal, where she worked with the United Mission to Nepal, an organization later supported by more than 30 church bodies from 15 countries. Dr. Huston was associated with the late Bethel Fleming, the first Western-trained physician to be allowed into Nepal, and they used a small palace as a hospital.

Dr. Huston is one of only a few foreigners who have received permission to live and work in Nepal. Her commitment to the Nepalese led her to establish the Gorkha Hospital at Amp Pipal, where the local inhabitants receive health care otherwise unavailable.

She has returned to Canada and the United States several times (she is currently on a six-month leave) to continue studies in recent medical advances. Dr. Huston was awarded the Outstanding Achievement Award by the University's Medical Alumni Association and was granted an Honorary Life Membership by the Nepal Medical Association, the only such recognition granted a physician from the West.

Dr. Huston, who will give the Convocation Address, will be presented to Convocation by Amy Zelmer, Professor of Nursing and Associate Vice-President (Academic).

Robert Stollery is Chairman and Chief Executive Officer (CEO) of PCL Construction Ltd. An alumnus of this University, Mr. Stollery began his career with Poole Construction Ltd. in 1949 as a field engineer and worked his way through various management positions. In 1979, he assumed his current position in the employee-owned successor company to Poole Construction. PCL is the largest general contracting firm in Canada and one of the largest in North America.

Mr. Stollery's generous donation to the University made possible an objective of the Business Faculty: the completion of the fifth floor of the new Business Building, appropriately named the Stollery Executive Development Centre.

His professional contributions are varied and include service on the executives of the Edmonton and Canadian Construction Associations and the Conference Board of Canada. Mr. Stollery also sits as a director on numerous corporate boards, such as Canada Permanent Trust Co., Northern Transportation Ltd., Nortran Offshore Ltd., and

Revelstoke Companies Ltd. Active on campus, he has served as an advisor to the Faculties of Business and Engineering and as a member of the Board of Chembiomed, a University-owned pharmaceutical company.

Roger Smith, Dean of the Faculty of Business, will present Mr. Stollery to Convocation.

Briefs

Presenters of briefs included Dorothy Horton, Leduc-Strathcona Health Unit; Heather-Belle Dowling of the Strathcona Library; June Schroter, Coordinator of the Business Education Department at Salisbury Composite High School; Bob Baker, past President of the Richard Eaton Singers; and Irv Zemrau, a Sherwood Park optometrist.

Mrs. Horton called for the University to take the lead in shifting the emphasis from health research that is primarily curative to health promotion and preventative medicine. Mrs. Dowling expressed concern that the three-week practicum program is no longer offered by the Faculty of Library Science and questioned, albeit it almost as an afterthought, the need for the Extension Library, given Alberta libraries increased involvement in resource sharing. Mrs. Schroter felt that at least some University teachers assistance in presenting their material more effectively. She also spoke out against large classes. Bob Baker was critical of the "inadequate preparation" provided by the Faculty of Education's Music Education Division. Mr. Zemrau held that the University of Alberta should offer to establish an optometry school.

At a reception and banquet hosted by Strathcona County Reeve Warren C. Thomas, various presentations were made and entertainment was provided by the Josephburg Male Voice Choir. A panel display on the life and work of John Allan, "Alberta's First Geologist", was given to the County by Senate. The display will be placed in the Strathcona Library. □

Quote

"I didn't need to study any books; my book was the first one."

Source: Killam Professor Hiroomi Umezawa talking about his research in Quantum Field Theory and complex systems of hierarchical mathaphysical orders, at the 1985 Izaak Walton Killam Memorial Scholarship Dinner, 2 October. □

Talks

Mechanical Engineering (R.R. Gilpin Memorial Lecture)

11 October, 2 p.m. Robert A. Laudise, AT Bell Laboratories, "Icicles and Ice: The Crystal Growers' Viewpoint." 4-1 Mechanical Engineering Building.

Zoology

11 October, 3:30 p.m. Kathy Martin, Department of Biology, Queen's University, "The Role of Male Parental Care in Precocial Species." M-145 Biological Sciences Building.
18 October, 3:30 p.m. Tony Sinclair, University of British Columbia, "Does Competition or Predation Structure the African Ungulate Community? Testing Hypotheses." M-145 Biological Sciences Building.
23 October, noon. Leigh VanValen, Department of Biology, University of Chicago, "Patterns of Origin and Extinction." M-141 Biological Sciences Building.
25 October, 3:30 p.m. Peter Kareiva, University of Washington, "Why It Matters That Species Interactions Are Distributed in Space: A Mechanistic Behavioral Approach." M-145 Biological Sciences Building.

Committee for the Improvement of Teaching and Learning

15 and 22 October, 1 p.m. Rosemary Liburd, "Assertiveness and You." 2-25 Athabasca Hall.
17 October, 2 p.m. J.W. Osborn, "Degrees, Degrees, Teaching and Examinations." Tory Building.
24 October, 3 p.m. E. Blackburn and C. Yewchuk, "Handling Problem Situations in Your Classes." W-2 Tory Building.
29 October, 3 p.m. R. Beck and S. Munro, "Coffee With Rutherford Award Recipients." 2-55 Assiniboia Hall.
30 October, 1 p.m. Roger Dugas, "Time Management." 2-33 Humanities Centre.

Forestry

16 October, noon. Kare Hellum, "Seed As a Standard in Commerce." 4-1 Mechanical Engineering Building.

History and East European Solidarity Committee

16 October, 4:30 p.m. John-Paul Himka, "The Crisis in the Soviet Bloc." 1-7 Humanities Centre.

Limnology and Fisheries Discussion Group

17 October, noon. Patsy Cross, Alberta Environment, "Phosphorous in the South Saskatchewan River Basin." G-217 Biological Sciences Building.
24 October, noon. Mary Baker, "Is the Sex Ratio One in Adult Perch? Reasons to Estimate Populations of Male and Female Fish Separately." G-217 Biological Sciences Building.

Ecologic Initiative Task Force (Occupational Health Program and Department of Genetics)

17 October, 2 p.m. A. Yardley-Jones, Shell

U.K. Ltd., "Chromosome Analyses of the Lymphocytes of Workers After an Acute Exposure to Benzene." 13-114 Clinical Sciences Building.

Alberta Heritage Foundation for Medical Research

17 October, 3:30 p.m. Thomas J. Armstrong, University of Michigan, "Occupational Cumulative Trauma Disorders, Causes and Effects." 114 Corbett Hall.
18 October, 2 p.m. Dr. Armstrong, "Analysis of Job for Control of Cumulative Trauma Disorders." 114 Corbett Hall.

Economics

17 October, 3:30 p.m. Steve Kaliski, Queen's University, "On the Variable Natural Rate of Unemployment Hypothesis in Canada." 8-22 H.M. Tory Building.

Music

17 October, 3:30 p.m. Paul Rice, "The Effects of Theatre Design on Operatic Composition: The Case of Rameau and the Château de Fontainebleau." 1-29 Fine Arts Building.

Provincial Museum

17 October, 8 p.m. Nat Rutter, Department of Geology, "Setting the Stage: Glaciers, Ice-Free Corridors, and Prehistoric Environments." Museum Auditorium.
24 October, 8 p.m. Charles Schweger, Department of Anthropology, "Beringia: Our Ties to Asia." Museum Auditorium.

Library Science

17 October, 7:30 p.m. Frances Halpenny, "Canadian Collections in Public Libraries." Edmonton Public Library, Edmonton Room.
18 October, noon. Frances Halpenny, "The Dictionary of Canadian Biography." 3-01 Rutherford South.
28 October, noon. Beth Miller, President, Canadian Library Association, "The Canadian Library Association and M.L.S. Students." 3-01 Rutherford South.
28 October, noon. Beth Miller, "The Canadian Library Association—Current Issues and Challenges." Edmonton Public Library, Meeting Room.

Canadian Institute of Ukrainian Studies

18 October, 7:30 p.m. Natalia Pylypiuk, Department of Comparative Literature, Harvard University, "Rhetoric in Seventeenth-Century Ukrainian Literature." Heritage Lounge, Athabasca Hall.

Drama and East Asian Languages and Literatures

18 October, 8 p.m. Kuniyoshi Munakata, Shizuoka University, Japan, "Noh-Hamlet." L-1 Humanities Centre.

Public Administration Studies

21 and 22 October. "Riding the Third Wave: Managing Public Sector Change Through the 80's." Conference speakers include Senator Michael Pitfield, author Robert Theobald, the Hon. Lou Hyndman, Terry White and David Leighton. 432-5052.
21 October, 7 p.m. Michael Pitfield, "Public Administration Professionalism." TL-12 Tory Building.

English

21 October, 4 p.m. Robert R. Wilson, "Parabolic Worldhood in Narrative: The Problem of Magic Realism." 5-20 Humanities Centre.
28 October, 4 p.m. Beverley Mitchell, "Depression in *As For Me and My House*." 5-20 Humanities Centre.

Extension

21 October, 7 p.m. Information on educational travel programs—China Silk Road Tour, Inca Art and Archaeology Tour to Peru, Italian Art Tour, a Sailing Tour in the Queen Charlottes, the Bamfield Marine Station trip, and Explorations in Florida: Retirement Community Living. L-1 Humanities Centre. 432-5061 or 432-3034.

Chemistry (Boomer Lecture Series)

23 October, 11 a.m. Jack Halpern, University of Chicago, "Mechanism of Asymmetric Catalysis." V-107 Physics Building.
24 October, 11 a.m. Professor Halpern, "Mechanisms of Coenzyme B12-Dependent Rearrangements." V-107 Physics Building.
25 October, 11 a.m. Professor Halpern, "Mechanism and Catalysis of the Migratory Insertion of Carbon Monoxide." V-107 Physics Building.

Boreal Institute

23 October, noon. L. Lange, "Issues in Northern Social Science Research: A Political Theory Approach." 14-6 Tory Building.

Law

23 October, 7:30 p.m. Bernard Dickens, "Sterilization of Minors and Mentally Incompetent Adults." 237 Law Centre.
24 October, 7 p.m. Bernard Dickens, "Abortion, Contraception and Contragestion." Bernard Snell Hall.

Entomology

24 October, 4 p.m. David W. Langor, "Ecology of the Eastern Larch Beetle (*Dendroctonus Simplex*) in Newfoundland." TBW-1 Tory Breezeway.
31 October, 4 p.m. Gordon Pritchard, Department of Biology, University of Calgary, "Temperature, Development Rates and Origins of Aquatic Insects." TBW-1 Tory Breezeway.

Chaplains' Association

28 October, noon. David Mesenbring, New York, "South Africa: The Gathering Crisis." SUB Theatre.

Films

Germanic Languages

16 October, 7:30 p.m. "Spionage." Arts 17.
23 October, 7:30 p.m. "System ohne Schatten." Arts 17.
30 October, 7:30 p.m. "Der Fall Jägerstätter." Arts 17.

Lutheran Campus Ministry

21 October, noon. Lutheran Campus Ministry South African Film Series—"Winds of Change: Interviews with Desmond Tutu and Allan Boesak." 034 SUB.

Comparative Literature

24 October, 8 p.m. "Sophocles' Oedipus Rex." Produced by the Ontario Stratford Shakespeare Players. L-1 Humanities Centre.

The Arts

Edmonton Art Gallery

Until 27 October. "Department of Art and Design Staff Exhibition." Painting, sculpture, printmaking, graphic design and photography.

Special Collections

Until 13 December, 8:30 a.m. to 4:30 p.m., Monday to Friday. "D.H. Lawrence: A Centenary Celebration." B7 Rutherford South.

SUB Theatre

11 October, 8 p.m. "The Blasters"—a Los Angeles rock 'n' roll band.
12 October, 8 p.m. "The Man With One Red Shoe" (1985).
13 October, 8 p.m. "Mask" (1984).
17 October, 8 p.m. The Senate and the Alumni Association present "University/Community Debate." 432-2268.
18 and 20 October, 8 p.m. Opera Theatre Association of Alberta presents "Canada Opera Piccola's." 429-1773.
19 October, 8 p.m. "Fletch" (1985).
24 October, 8 p.m. "The Calgary City Ballet."
25 October, 7:30 p.m. Kings College presents "James Ward." 428-0727.
26 October, 8 p.m. "Valdy."
27 October, 7 p.m. "A Polish Cabaret Show." 488-8472.

Music

13 October, 8 p.m. Faculty Recital—Helmut Brauss, pianist. Convocation Hall.
15 October, 8 p.m. Faculty Recital—Elsie Hepburn, soprano, and John Armstrong, guitarist. Convocation Hall.
18 October, 12:15 p.m. Visiting Artist Series—Joanne Oppenorth, violin, Eckhardt-Gramatté National Music Competition Winner. Convocation Hall.
20 October, 3 p.m. St. Cecilia Orchestra and the University of Alberta Madrigal Singers participating in the Violet Archer Festival. MacLach Theatre, Citadel.
24 October, 8 p.m. The University of Alberta Symphonic Wind Ensemble. Convocation Hall.

Students' Union

17 October, 8 p.m. Les Ballets Jazz de Montreal. Jubilee Auditorium. 432-4764.

Edmonton Film Society

21 October, 8 p.m. "The Heiress" (1949).
28 October, 8 p.m. "Roman Holiday" (1953).

Bear Claw Gallery

25 October to 8 November. "2 Man Show—Clay and Paint"—exhibits by Noboru Kubo and Rafe McNabb.

Théâtre Français d'Edmonton

26 October to 3 November. "Bonne Fete Maman." Faculté Saint-Jean. 469-0829.

Sports

18 October, 7:30 p.m. Hockey—Golden Bears vs. University of British Columbia.
19 October, 7:30 p.m. Hockey—Golden Bears vs. University of British Columbia.
19 October, 2 p.m. Football—Golden Bears vs. University of Calgary.
19 October, 6 p.m. Basketball—Pandas vs. Alumni.
19 October, 8 p.m. Basketball—Bears vs. Alumni.

New Director for Student Awards Office

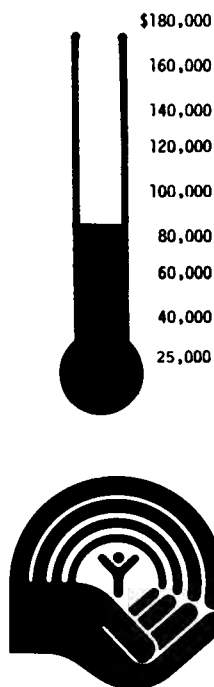
Ron Chilibeck, formerly Acting Director of the Office of Student Awards, has been appointed Director of the Office of Student Awards. He replaces Larry Henderson, who left the University to take up the position of Secretary of the Universities' Co-ordinating Council. □

Award Opportunities

IODE War Memorial Scholarships For Graduate Study

Donor: IODE. **Where tenable:** Canada or overseas within Commonwealth. **Level:** Post-graduate. **Field:** Not stated. **Value:** \$8,500 for study in Canada; \$12,000 for study overseas within the Commonwealth. **Renewals:** at \$4,000 for study in Canada and \$6,000 for studies overseas. **Number:** Seven to nine. **Duration:** One academic year. **Conditions:** Applicants must be Canadian citizens; hold a first degree from a Canadian institution; have begun Master's studies or British equivalent; must not be more than 35 years of age on 31 December of the year in which they receive the scholarship; renewal for a second year may be considered. **Winners:** expected to work in Canada upon completion of their studies. **Closing date:** 1 December 1985. **Further information and application forms should be requested from:** Student Awards Office or Mrs. Alice Elzinga, Provincial Education Secretary, 11235 106 Street, Edmonton, Alberta T5G 2P5.

Our Goal



Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond 4 October 1985.

- Data Entry Operator I, Bookstore, (\$1,275-\$1,600)
- Clerk Typist III, Materials Management, (\$1,326-\$1,666)
- Clerk Typist III (Trust), Pharmacy, (\$1,326-\$1,666)
- Clerk Steno III (Trust), Biochemistry, (\$1,326-\$1,666)
- Clerk Steno III, Computing Science, (\$1,326-\$1,666)
- Clerk Steno III (Trust), Boreal Institute, (\$1,326-\$1,666)
- Clerk Steno III, Mechanical Engineering, (\$1,326-\$1,666)
- Clerk Steno III (Term), Extension, (\$1,326-\$1,666)
- Clerk Steno III (Term), Extension (Local Government Studies), (\$1,326-\$1,666)
- Clerk Steno III (Term), Sociology, (\$1,326-\$1,666)
- Clerk Steno III (Term), Dean of Education, (\$1,326-\$1,666)
- Publications Assistant I (Part-time, Trust), Medicine (\$814-\$1,034)
- Secretary (Trust), Confederation of Alberta Faculty Associations, (\$1,478-\$1,888)
- Secretary, Boreal Institute, (\$1,478-\$1,888)
- Administrative Clerk, Housing and Food Services, (\$1,478-\$1,888)
- Administrative Clerk, Radio and Television, (\$1,478-\$1,888)
- Medical Stenographer (Trust), Medicine, (\$1,478-\$1,888)
- Departmental/Executive Secretary, Vice-President (Academic), (\$1,666-\$2,144)
- Departmental/Executive Secretary, Physical Plant, (\$1,666-\$2,144)
- Food Service Assistant (Part-time), Housing and Food Services, (\$693-\$857)
- Food Service Worker I (Recurring), Housing and Food Services, (\$1,190-\$1,478)
- Laboratory Assistant III, Zoology, (\$1,326-\$1,666)
- Building Services Worker III, Physical Plant, (\$1,478-\$1,888)
- Technician I (Trust), Civil Engineering (Environment), (\$1,534-\$1,968)
- Building Services Worker IV, Physical Plant, (\$1,600-\$2,053)
- Biochemistry Technologist I (Trust), Cancer Research Group, (\$1,888-\$2,437)
- Technologist I (Trust), Foods and Nutrition, (\$1,888-\$2,437)
- Building Superintendent II, Physical Plant, (\$2,237-\$2,905)
- Programmer Analyst II (Trust), Computing Services, (\$2,237-\$2,905)
- Technologist IV (Meteorology), Geography, (\$2,548-\$3,320)

Academic

**Bibliothèque,
Faculté Saint-Jean,
Chef des services techniques**

La bibliothèque de l'Université de l'Alberta sollicite des candidatures au poste de chef des services techniques à

la bibliothèque de la Faculté Saint-Jean.

Fonctions: Sous la direction du bibliothécaire en chef, le titulaire de ce poste est responsable pour l'élaboration des procédures et politiques du secteur des services techniques, veille à l'application des règles du catalogage anglo-américaines et du système de classification L.C., dans les domaines de l'éducation, des sciences humaines et sociales, des arts et des sciences. Ce poste comporte la supervision d'un bibliothécaire, d'un bibliotechnicien, d'un commis, et du personnel temporaire.

Qualifications: Les candidats détiendront un diplôme en bibliothéconomie; une très bonne connaissance du français et de l'anglais; une bonne connaissance des règles de catalogage RCAA2, du système de classification L.C., du Répertoire des vedettes-matière de l'Université Laval et un minimum de 2 années d'expérience pertinente. Ils auront en plus une expérience en automatisation du traitement de la documentation (UTLAS).

Traitement: Bibliothécaire I-II: \$24,604 à \$39,292.

Entrée en fonction: le 1er décembre 1985.

Les candidats feront parvenir leur curriculum vitae, relevés de notes et les noms de trois répondants avant le 25 octobre, à: Peter Freeman, Chief Librarian and Director of Libraries, Cameron Library, University of Alberta, Edmonton, Alberta T6G 2J8.

Advertisements

Accommodations available

- Sale - Two-bedroom, half duplex, near University.** Five appliances, three balconies. Why rent? Cathy Hawkins, The Permanent, 468-2100.
- Sale - Westend, three-bedroom bungalow.** Twenty minutes to University. Hardwood floors, fenced yard, close to all amenities. \$70,000. 484-1361.

Sale - Charming, older home, south of University, immaculate, well-maintained, in-law suite, hardwood floors. Low rate assumable mortgage. 434-4726.

Sale - Condos, central location. One and two bedrooms. Academy Horizon Westwind, excellent condition, well-priced, view. \$40,000 to \$95,000. Resi Richter, LePage, 483-9432.

Sale - Valleyview, charming bungalow, hot tub, park-like backyard. \$77,900. Resi Richter, LePage, 483-9432.

Sale - Westend, across from ravine. Executive, two-storey, four bedrooms, skylights. Resi Richter, LePage, 483-9432.

Rent - 10839 University Avenue. Well furnished, one-bedroom suite. \$400. 433-6024.

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Sale - Belgravia west. Quiet crescent location. Cozy, 1,600 sq. ft. bungalow. Large, family kitchen. Double garage. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - University area homes. Three, adjacent bungalows. Campus three blocks. \$49,000 up. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - View property. Older home on river bank, by park. Chris Tenove, 433-5664, 436-5250. Spencer's.

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Kaypro 4 computer, with software, carrying case, custom desk. \$1,695. 434-1563.

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Craft sale - Potter, jewelry, straw weaving, stained glass, dolls and books, fiberwares, Christmas decorations, needlework, knitting, pastels, oil paintings. 5415 114B St. 437-6901. 9:30 a.m.-5 p.m. Saturday, 26 October.

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MVE Cryogenic liquid nitrogen freezer, Model LL-450, \$3,000. DECWRITER IV LA34 Computer printer (300/110 baud) with 10 new ribbons, \$400. King Hui, Chembiomed Ltd., 432-3139.

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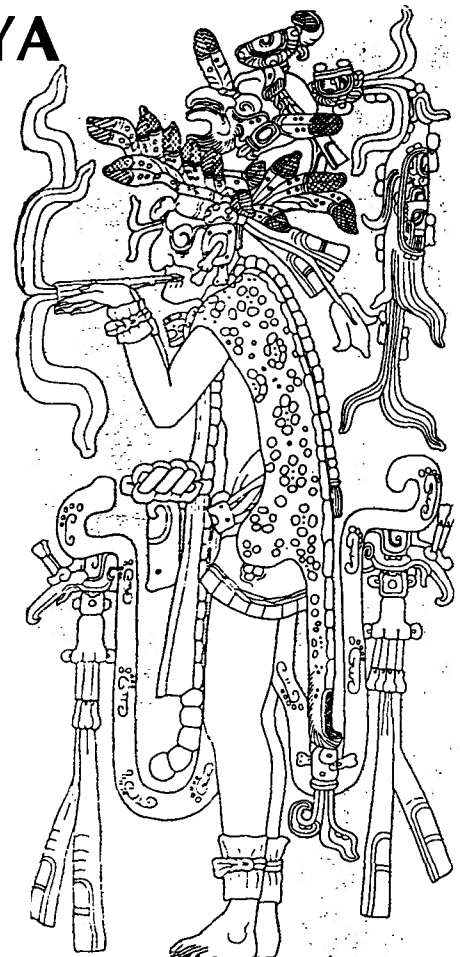
IN SEARCH OF THE ANCIENT MAYA

*art and archaeology tour
of the yucatan*

December 19, 1985 to January 2, 1986

The Faculty of Extension is pleased to announce that the previously scheduled educational travel tour to the Yucatan Peninsula of Mexico is proceeding as scheduled. The itinerary, which remains unchanged, offers travellers the opportunity to explore the remains of a vast and powerful civilization, whose achievements in art, architecture, mathematics, astronomy, and hieroglyphic writing are unsurpassed. There will also be opportunities to observe some of the Christmas celebrations of the modern Maya, as well as to enjoy the natural beauty to be found in the highlands, jungles and beaches of the Yucatan.

A detailed brochure for this tour may be obtained by calling Susan Florence at 432-3034, or leaving a message at 432-3116.



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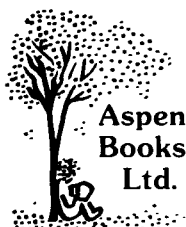
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